

CHAPTER 5

[1]

```
IN  AL,A0H
MOV CL,AL
IN  AL,B0H
MUL CL
OUT 7080H,AX
```

[2]

```
MOV DH,AL
ADD DH,BL
ADD DH,CL
ADD DH,AH
```

[3]

```
SUB AX,DI
SUB AX,SI
SUB AX,BP
MOV BX,AX
```

[4]**

BCD not with us

[5]

```
AND DH,1FH
MOV BH,DH
```

[6]

```
OR  DI,001FH
MOV SI,DI
```

CHAPTER 5

[7]

```
OR  AX,000FH
AND AX,1FFFH
XOR AX,01C0H
```

[8]

```
LEA DI,LIST
MOV CX,300
MOV BL,66H
CLD
STAR:
    LODSB
    CMP AL,BL
    REPNE STAR
```

[9]**

ASCII not with us

[10]

```
MOV CX,10
MOV AL,0
MOV BX,0
STAR:
    ADD AL,SET[BX]
    INC BX
    LOOP STAR
MOV SUM,AL
```

CHAPTER 5

[11]

```
MOV AL, GRADES
```

```
MOV CX, 4
```

```
MOV SI, 0
```

```
STAR:
```

```
    INC SI
```

```
    CMP AL, GRADES[SI]
```

```
    CMOVNS AL, GRADES[SI]
```

```
LOOP STAR
```